

Dioxin Concentrations in Water Samples collected by HSC Dioxin TMDL Team at Station
11193 (Data provided by TCEQ)

Phase	Date	12378-	12378-	123478-	123678-	123789-	1234678-	OCDD	2378-	12378-	23478-	123478-	123678-	234678-	123789-	1234678-	1234789-	OCDF
Dissolved	08/07/02	< 0.0549	< 0.0169	0.0209	< 0.0136	< 0.0154	< 0.2637	5.5	0.2418	< 0.0174	< 0.0121	< 0.1670	< 0.0374	< 0.0180	< 0.0200	0.0615	< 0.0308	0.1780
	11/20/02	0.0652	< 0.0048	0.0072	0.0140	0.0184	0.4958	19.8	0.2833	0.0091	0.0081	< 0.0283	0.0061	< 0.0030	0.0397	0.0061	0.1346	
	06/04/03	0.1707	< 0.0048	< 0.0065	0.0114	0.0171	0.4125	11.4	0.5832	< 0.0185	0.0141	< 0.0341	0.0067	< 0.0074	0.0030	0.0583	0.0129	0.3983
	03/23/04	0.1286	< 0.0064	0.0096	0.0186	0.0257	0.6571	24.3	0.4286	0.0119	0.0121	0.0214	0.0087	< 0.0044	< 0.0033	0.0743	0.0083	0.3571
	03/23/04	0.1368	0.0073	0.0098	0.0199	0.0256	0.6980	27.1	0.4558	0.0128	0.0125	0.0242	0.0091	< 0.0053	< 0.0028	0.0783	0.0098	0.3989
	11/03/04	< 0.0298	< 0.0099	< 0.0199	< 0.0199	< 0.0199	0.1291	4.8	0.1050	< 0.0284	< 0.0255	< 0.0077	< 0.0126	< 0.0087	< 0.0096	< 0.0199	0.0270	< 0.1560
	11/03/04	0.0375	< 0.0085	< 0.0082	< 0.0082	< 0.0081	0.1528	5.8	0.1083	< 0.0194	< 0.0167	< 0.0067	< 0.0124	< 0.0074	< 0.0083	< 0.0222	0.0153	< 0.1667
	08/18/11	0.1352	< 0.0038	< 0.0017	< 0.0016	< 0.0016	0.4583	14.7	0.4540	< 0.0020	< 0.0020	< 0.0016	< 0.0013	< 0.0017	< 0.0019	0.0640	< 0.0017	0.4341
Suspended	08/07/02	0.2857	< 0.0202	< 0.0242	< 0.0200	< 0.0220	0.8132	22.0	0.8352	< 0.0308	< 0.0193	0.0637	< 0.0154	< 0.0191	< 0.0211	0.1341	< 0.0374	0.7473
	11/20/02	1.8414	0.0227	0.0170	0.0368	0.0595	2.1246	114.7	5.9490	0.1558	0.1062	0.3541	0.0793	0.0142	0.0071	0.3258	0.0637	1.0623
	06/04/03	1.9915	0.0398	0.0270	0.0711	0.1010	2.4182	89.6	6.9701	0.1849	0.1280	0.3841	0.0925	< 0.0270	0.0083	0.4410	0.0469	2.4182
	03/23/04	0.9714	0.0214	0.0314	0.0743	0.1229	3.4286	157.1	2.8571	0.0914	0.0714	0.2000	0.0557	< 0.0186	< 0.0069	0.4429	0.0443	2.4286
	03/23/04	0.5413	0.0113	0.0185	0.0399	0.0670	1.8519	79.8	1.5670	0.0513	0.0385	0.1168	0.0356	0.0115	< 0.0051	< 0.2422	0.0242	1.3390
	11/03/04	0.1844	< 0.0112	0.0284	0.0638	0.0965	2.4113	123.4	0.5532	0.0326	0.0241	< 0.0638	0.0823	< 0.0170	< 0.0104	0.3404	0.0355	3.4043
	11/03/04	0.1944	< 0.0167	0.0278	0.0611	0.0944	2.5000	120.8	0.5556	< 0.0264	0.0167	< 0.0542	< 0.0750	< 0.0153	< 0.0167	< 0.3333	0.0278	3.4722
	08/18/11	0.6035	0.0188	0.0313	0.0726	0.1309	2.3626	100.2	1.8787	0.1025	0.0569	0.1978	0.0584	0.0313	0.0102	0.3587	0.0427	4.6967
Total	08/07/02	< 0.3407	< 0.0371	< 0.0451	< 0.0336	< 0.0374	< 1.0769	27.5	1.0769	< 0.0481	< 0.0314	< 0.2308	< 0.0527	< 0.0371	< 0.0411	0.1956	< 0.0681	0.9253
	11/20/02	1.9065	< 0.0275	0.0242	0.0508	0.0779	2.6204	134.6	6.2323	0.1649	0.1143	< 0.3824	0.0854	< 0.0171	< 0.0101	0.3654	0.0698	1.1969
	06/04/03	2.1622	< 0.0447	< 0.0336	0.0825	0.1181	2.8307	101.0	7.5533	< 0.2034	0.1421	< 0.4182	0.0991	< 0.0344	0.0112	0.4993	0.0599	2.8165
	03/23/04	1.1000	< 0.0279	0.0410	0.0929	0.1486	4.0857	181.4	3.2857	0.1033	0.0836	0.2214	0.0644	< 0.0230	< 0.0101	0.5171	0.0526	2.7857
	03/23/04	0.6781	0.0185	0.0283	0.0598	0.0926	2.5499	106.8	2.0228	0.0641	0.0510	0.1410	0.0447	< 0.0168	< 0.0080	< 0.3205	0.0340	1.7379
	11/03/04	< 0.2142	< 0.0211	< 0.0482	< 0.0837	< 0.1163	2.5404	128.2	0.6582	< 0.0610	< 0.0496	< 0.0715	< 0.0949	< 0.0257	< 0.0200	< 0.3603	0.0624	< 3.5603
	11/03/04	0.2319	< 0.0251	< 0.0360	< 0.0693	< 0.1025	2.6528	126.7	0.6639	< 0.0458	< 0.0333	< 0.0608	< 0.0874	< 0.0226	< 0.0250	< 0.3556	0.0431	< 3.6389
	08/18/11	0.7387	< 0.0226	< 0.0386	< 0.0858	< 0.1462	2.8209	114.9	2.3327	< 0.1144	< 0.0705	< 0.2165	< 0.0653	< 0.0350	< 0.0121	0.4227	< 0.0497	5.1308

Notes:

Station 11193 is located on San Jacinto River Tidal at IH 10 Bridge East of Channelview.
Non detects are reported as less than the detection limit (DL), for TEQ calculations 1/2DL was used.

Summary Dissolved TEQ

Date	TCDD	Total TEQ	Avg TCDD	AvgTEQ
08/07/02	0.0275	0.0816	0.0275	0.0816
11/20/02	0.0652	0.1163	0.0652	0.1163
06/04/03	0.1707	0.2505	0.1707	0.2505
03/23/04	0.1286	0.2022	0.1327	0.2107
03/23/04	0.1368	0.2191		
11/03/04	0.0149	0.0426	0.0262	0.0523
11/03/04	0.0375	0.0619		
08/18/11	0.1352	0.1932	0.1352	0.1932